

FACT SHEET

Proposed Determination and Draft Control Techniques Guidelines for Flexible Packaging Printing Materials, Offset Lithographic Printing Materials, Letterpress Printing Materials, Industrial Cleaning Solvents, and Flat Wood Paneling Coatings

ACTION

- On July 27, 2006, the U.S. Environmental Protection Agency (EPA) proposed control techniques guidelines (CTGs) that will be substantially as effective as national regulations in reducing volatile organic compounds (VOC) emissions. The CTGs would apply in ozone nonattainment areas.
- EPA is making available for review four draft CTGs that address the five product categories as follows:
 1. flexible packaging printing materials (ex: ink used to print on bread bags)
 2. offset lithographic printing materials **and** 3. letterpress printing materials (covered by one CTG) (ex: ink used to print newspapers, paper packaging)
 4. industrial cleaning solvents (ex: solvents used for cleaning parts, equipment, etc.)
 5. flat wood paneling coatings (ex: paints or other coatings used on paneling, tileboard, and exterior siding)
- The draft CTGs contain recommended control strategies for reducing VOC emissions from the product categories in ozone nonattainment areas.
- EPA estimates the cost-effectiveness of the recommended VOC control strategies in the CTGs as follows:
 1. flexible packaging printing materials – \$1300/ton to \$2800/ton
 2. lithographic printing materials **and** letterpress printing materials – ranges from cost savings to cost/ton of \$2010/ton
 3. industrial cleaning solvents – cost savings; varies depending on cleaning operations involved at a particular facility
 4. flat wood paneling coatings -- \$1900/ton to \$4400/ton
- Applicability for the recommendations in these CTGs varies by category and by process. In general, the recommended measures apply to facilities with VOC emissions from the given category of at least 15 lb/day (2.7 tons/yr).
- EPA will accept comment on the proposed determination and the draft CTGs for 30 days after the determination is published in the *Federal Register*. EPA will hold a hearing if requested.

BACKGROUND

- The Clean Air Act (section 183(e)) directs EPA to list for regulation categories of consumer and commercial products that account for at least 80 percent of the VOC emissions in areas that violate the National Ambient Air Quality Standards (NAAQS) for ozone. The Act further directs EPA to divide the list of categories to be regulated into four groups.
- EPA published the initial list in the Federal Register on March 23, 1995 (60 FR 15264). Since then, EPA has revised the list several times. Group II of the list now comprises the five product categories covered by the draft CTGs now available for comment.
- EPA identified, or designated, areas that did not meet the national ambient air quality standards for 8-hour ground-level ozone in April 2004. State, tribal and local air agencies responsible for these “nonattainment” areas are in the process of developing implementation plans showing how the area will meet and maintain the standard.
- The Clean Air Act requires these state implementation plans known as SIPs (Tribes may choose to develop tribal implementation plans – TIPs) to contain emission controls that are economically and technologically feasible. Emissions control technologies that meet these criteria are known as “RACT” – reasonably available control technology.
- Historically, EPA has provided state, tribal, and local air agencies with guidance for what types of controls could constitute RACT for a given type of facility or emissions source through a CTG. States may follow the CTG and adopt regulations to implement the recommendations, or they can adopt alternative approaches.

FOR MORE INFORMATION

- To download the proposed determination and draft CTGs on EPA’s website, go to “Recent Actions” at the following address: <http://www.epa.gov/ttn/oarpg/new.html>.
- Today's proposed action and other background information are also available either electronically in www.regulations.gov, EPA’s electronic public docket and comment system, or in hard copy at EPA’s Air and Radiation Docket and Information Center, Environmental Protection Agency, Room B102, 1301 Constitution Avenue, NW, Washington, DC (Docket ID No. OAR-2006-0672). The Public Reading Room is open from 8:30 a.m. to 4:30 p.m., Monday through Friday, excluding legal holidays. The telephone number for the Public Reading Room is (202) 566-1744, and the telephone number for the Air and Radiation Docket and Information Center is (202) 566-1742.
- NOTE: The EPA Docket Center suffered damage due to flooding during the last week of June 2006. The Docket Center is continuing to operate. However, during the cleanup, there will be temporary changes to Docket Center telephone numbers, addresses, and hours of operation for people who wish to make hand deliveries or visit the Public Reading Room to view documents. Consult EPA's Federal Register notice at 71 FR 38147 (July 5, 2006) or the EPA website at www.epa.gov/epahome/dockets.htm for current information on docket operations, locations and telephone numbers. The Docket Center’s mailing address for U.S. mail and the procedure for submitting comments to www.regulations.gov are not affected by

the flooding and will remain the same.

- HOW TO COMMENT: Comments will be accepted for 30 days beginning when this proposal is published in the Federal Register. If a hearing on the proposed determination is requested, the record will remain open for 30 days following the date of the hearing.
- All comments should be submitted by one of the following methods:
 - [Federal e-rulemaking portal](http://www.regulations.gov); www.regulations.gov;
 - [E-mail](mailto:a-and-r-docket@epa.gov) (a-and-r-docket@epa.gov);
 - Facsimile (202) 566-1741;
 - Mail (Air and Radiation Docket and Information Center, Environmental Protection Agency, Mailcode: 6102T, 1200 Pennsylvania Avenue, NW, Washington, DC 20460); or Hand delivery (Air and Radiation Docket and Information Center, Environmental Protection Agency, Room B102, 1301 Constitution Avenue, NW, Washington, DC).
- Comments on EPA's determination that CTGs will be substantially effective as national regulations for these five categories and should be identified by Docket ID No. EPA-2006-0672.
- For comments on the draft CTGs themselves, please direct comments to the individual Docket ID numbers listed for the individual categories as follows:
 - EPA-2006-0537 – Flexible packaging printing materials
 - EPA-2006-0536 – Offset Lithographic printing materials and letterpress printing materials
 - EPA-2006-0535 – Industrial cleaning solvents
 - EPA-2006-0538 – Flat wood paneling coatings
- For further information about the amendments, contact Mr. Bruce Moore of the EPA's Office of Air Quality Planning and Standards by phone (919) 541-5460 or by e-mail at moore.bruce@epa.gov.